

Interconnections Statistics Transmission Load

Q4 report

Transmission load

The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q1 of Fiscal 2021 (April 1, 2020 through June 30, 2020). Project durations are variable due to a number of factors, including project size, location and complexity. Projects timelines can also change due to scope changes or other elements outside the control of BC Hydro including customer driven changes.

F21—Q1 April 1, 2020 to June 30, 2020

	Average timeline (days)	Number of projects	% Meeting target timelines*
System impact studies			
Studies < than \$50k	22	1	100%
Studies ≥ than \$50k < than \$300k	151	4	100%
Studies ≥ than \$300k	N/A	0	N/A
Facilities studies			
Studies < than \$150k	N/A	0	N/A
Studies ≥ than \$150k < than \$1M	N/A	0	N/A
Studies ≥ than \$1M	N/A	0	N/A
Implementation			
Projects < than \$250k	N/A	0	N/A
Projects ≥ than \$250k < than \$20M	654	2	50%
Projects ≥ than \$20M	N/A	0	N/A

The following table provides the statistics for the study delivery timelines for transmission load interconnection requests that can be processed using the expedited transmission interconnection process. Request that can follow this process are considered low complexity projects where the interconnection scope of work is limited. Typically these projects do not trigger a new Point of Interconnection and have limited potential impacts to the BC Hydro Transmission system. Examples of customer requests that may fit in this category are a small load increase at an existing customer site, indirect load interconnection by sharing an existing POI with an existing customer, or load replacement at an existing customer site (not trigger any system reinforcements).

F21—Q1 April 1, 2020 to June 30, 2020

	Average timeline (days)	Number of projects	% Meeting target timelines*
Expedited transmission interconnection process			
System impact study	22	1	100%
Facilities study	N/A	0	N/A

Note: No implementation timeline provided as BC Hydro scope of work is typically less than the customer's scope of work and is not on the critical path for low complexity projects.

The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q2 of Fiscal 2021 (July 1, 2020 through September 30, 2020). Project durations are variable due to a number of factors, including project size, location and complexity. Projects timelines can also change due to scope changes or other elements outside the control of BC Hydro including customer driven changes.

F21—Q2 July 1, 2020 to September 30, 2020

	Average timeline (days)	Number of projects	% Meeting target timelines*
System impact studies			
Studies < than \$50k	72	1	100%
Studies ≥ than \$50k < than \$300k	103	2	100%
Studies ≥ than \$300k	N/A	0	N/A
Facilities studies			
Studies < than \$150k	N/A	0	N/A
Studies ≥ than \$150k < than \$1M	64	1	100%
Studies ≥ than \$1M	N/A	0	N/A
Implementation			
Projects < than \$250k	330	1	100%
Projects ≥ than \$250k < than \$20M	184	2	100%
Projects ≥ than \$20M	N/A	0	N/A

The following table provides the statistics for the study delivery timelines for transmission load interconnection requests that can be processed using the expedited transmission interconnection process. Request that can follow this process are considered low complexity projects where the interconnection scope of work is limited. Typically these projects do not trigger a new Point of Interconnection and have limited potential impacts to the BC Hydro Transmission system. Examples of customer requests that may fit in this category are a small load increase at an existing customer site, indirect load interconnection by sharing an existing POI with an existing customer, or load replacement at an existing customer site (not trigger any system reinforcements).

F21—Q2 July 1, 2020 to September 30, 2020

	Average timeline (days)	Number of projects	% Meeting target timelines*
Expedited transmission interconnection process			
System impact study	72	1	100%
Facilities study	N/A	0	N/A

Note: No implementation timeline provided as BC Hydro scope of work is typically less than the customer's scope of work and is not on the critical path for low complexity projects.

The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q3 of Fiscal 2021 (October 1, 2020 through December 31, 2020). Project durations are variable due to a number of factors, including project size, location and complexity. Projects timelines can also change due to scope changes or other elements outside the control of BC Hydro including customer driven changes.

F21—Q3 October 1, 2020 to December 31, 2020¹

	Average timeline (days)	Number of projects	% Meeting target timelines*
System impact studies			
Studies < than \$50k	N/A	0	N/A
Studies ≥ than \$50k < than \$300k	232	3	33%
Studies ≥ than \$300k	N/A	0	N/A
Facilities studies			
Studies < than \$150k	N/A	0	N/A
Studies ≥ than \$150k < than \$1M	N/A	0	N/A
Studies ≥ than \$1M	N/A	0	N/A
Implementation			
Projects < than \$250k	N/A	0	N/A
Projects ≥ than \$250k < than \$20M	N/A	0	N/A
Projects ≥ than \$20M	1086	1	100%

The following table provides the statistics for the study delivery timelines for transmission load interconnection requests that can be processed using the expedited transmission interconnection process. Request that can follow this process are considered low complexity projects where the interconnection scope of work is limited. Typically these projects do not trigger a new Point of Interconnection and have limited potential impacts to the BC Hydro Transmission system. Examples of customer requests that may fit in this category are a small load increase at an existing customer site, indirect load interconnection by sharing an existing POI with an existing customer, or load replacement at an existing customer site (not trigger any system reinforcements).

F21—Q3 October 1, 2020 to December 31, 2020

	Average timeline (days)	Number of projects	% Meeting target timelines*
Expedited transmission interconnection process			
System impact study	N/A	0	N/A
Facilities study	N/A	0	N/A

Note: No implementation timeline provided as BC Hydro scope of work is typically less than the customer's scope of work and is not on the critical path for low complexity projects.

The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q4 of Fiscal 2021 (January 1, 2021 through March 31, 2021). Project durations are variable due to a number of factors, including project size, location and complexity. Projects timelines can also change due to scope changes or other elements outside the control of BC Hydro including customer driven changes.

F21—Q4 January 1, 2021 to March 31, 2021

	Average timeline (days)	Number of projects	% Meeting target timelines*
System impact studies			
Studies < than \$50k	88	1	0%
Studies ≥ than \$50k < than \$300k	208	2	50%
Studies ≥ than \$300k	N/A	0	N/A
Facilities studies			
Studies < than \$150k	92	1	100%
Studies ≥ than \$150k < than \$1M	N/A	0	N/A
Studies ≥ than \$1M	N/A	0	N/A
Implementation			
Projects < than \$250k	177	1	100%
Projects ≥ than \$250k < than \$20M	N/A	0	N/A
Projects ≥ than \$20M	N/A	0	N/A

The following table provides the statistics for the study delivery timelines for transmission load interconnection requests that can be processed using the expedited transmission interconnection process. Request that can follow this process are considered low complexity projects where the interconnection scope of work is limited. Typically these projects do not trigger a new Point of Interconnection and have limited potential impacts to the BC Hydro Transmission system. Examples of customer requests that may fit in this category are a small load increase at an existing customer site, indirect load interconnection by sharing an existing POI with an existing customer, or load replacement at an existing customer site (not trigger any system reinforcements).

F21—Q4 January 1, 2021 to March 31, 2021

	Average timeline (days)	Number of projects	% Meeting target timelines*
Expedited transmission interconnection process			
System impact study	N/A	0	N/A
Facilities study	92	1	100%

Note: No implementation timeline provided as BC Hydro scope of work is typically less than the customer's scope of work and is not on the critical path for low complexity projects.

The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Fiscal 2021 (April 1, 2020 through March 31, 2021). Project durations are variable due to a number of factors, including project size, location and complexity. Projects timelines can also change due to scope changes or other elements outside the control of BC Hydro including customer driven changes.

F21—YTD April 1, 2020 to March 31, 2021

	Average timeline (days)	Number of projects	% Meeting target timelines*
System impact studies			
Studies < than \$50k	61	3	67%
Studies ≥ than \$50k < than \$300k	174	11	73%
Studies ≥ than \$300k	0	0	0%
Facilities studies			
Studies < than \$150k	92	1	100%
Studies ≥ than \$150k < than \$1M	64	1	100%
Studies ≥ than \$1M	0	0	0%
Implementation			
Projects < than \$250k	254	2	100%
Projects ≥ than \$250k < than \$20M	419	4	100%
Projects ≥ than \$20M	1086	1	100%

The following table provides the statistics for the study delivery timelines for transmission load interconnection requests that can be processed using the expedited transmission interconnection process. Request that can follow this process are considered low complexity projects where the interconnection scope of work is limited. Typically these projects do not trigger a new Point of Interconnection and have limited potential impacts to the BC Hydro Transmission system. Examples of customer requests that may fit in this category are a small load increase at an existing customer site, indirect load interconnection by sharing an existing POI with an existing customer, or load replacement at an existing customer site (not trigger any system reinforcements).

F21—YTD April 1, 2020 to March 31, 2021

	Average timeline (days)	Number of projects	% Meeting target timelines*
Expedited transmission interconnection process			
System impact study	47	2	50%
Facilities study	92	1	100%

